Lesson Plan

Name of Faculty : Mr. Pramod Lega, Assistant Professor
Discipline : Management
Semester : 3rd
Subject : Personality Development (PSY-201-L)
Lesson Plan Duration: 15 weeks (from August, 2018 to November, 2018)
Work Load (Lecture/Practical) per week (in hours): **Lectures 03 hours**.

Week	Theory	
	Lecture Day	**Topic (Including Assignment/Test)**
1st	1	Introduction of Self
	2	Meaning and Definitions of Self
	3	Meaning and Definitions of Self-Esteem
2nd	4	Importance of Self-Esteem
	5	Characteristics of individuals with high self-esteem
	6	Characteristics of individuals with low self-esteem
3rd	7	Meaning and Definitions of Self- Confidence
	8	Strategies of building self-confidence
	9	Case Study
4th	10	Problems and Solutions
	11	Meaning and Definitions of Personality
	12	Problems and Solutions
5th	13	Factors affecting Personality
	14	Biological Factors
	15	Psychological Factors
6th	16	Social Factors
	17	Theories of Personality
	18	Type And Trait Theories (Case Study)
7th		----------**Ist Minor Test**----------
8th	19	Freud's Theory of Personality
	20	Allport's Theory of Personality
	21	Assessment- Neo-Big Five Personality Test
9th	22	Thematic Apperception Test (T.A.T)
	23	Word Association Test (Case Study)
	24	Play Technique (Case Study)
10th	25	Dramatic Production Test (Case Study)
	26	Verbal Projection Test (Case Study)
	27	Problems and Solutions
11th	28	Meaning and Definitions of Stress
	29	Causes of Stress and its impact,
	30	Strategies of stress management
12th	31	Case study
	32	Problems and Solutions
	33	Meaning and Definitions of Emotional Intelligence
13th	34	Concept, emotional quotient why Emotional Intelligence matters
	35	Measuring EQ
	36	Developing healthy emotions
14th		----------**2nd Minor Test**----------
15th	37	Management of anger and interpersonal relations.
	38	Case study.
	39	Problems and Solutions

Lesson Plan

Name of Faculty : Neetu Bala
Discipline : Mathematics
Semester : III
Subject : Discrete Structures (CSE-203 E)
Lesson Plan Duration: 15 weeks
Work Load (Lecture/Practical) per week (in hours): **Lectures 04 hours**.

Week	Theory		Actual Covered
	Lecture Day	**Topic (Including Assignment/Test)**	
1st	1	Introduction to set theory, Set operations,	
	2	Algebra of sets, Duality, Finite and Infinite sets,	
	3	Classes of sets, Power Sets, Multi sets,	
	4	Problems and solutions	
2nd	5	Cartesian Product	
	6	Representation of relations ,Types of relation,	
	7	Equivalence relations and partitions	
	8	Problems and Solutions	
3rd	9	Partial ordering relations and lattices Function and its types	
	10	Composition of function and relations	
	11	Cardinality and inverse relations	
	12	Problems and Solutions	
4th	13	Basic operations: AND(^), OR(v), NOT(~).	
	14	Truth value of a compound statement	
	15	propositions, tautologies, contradictions.	
	16	Problems and Solutions	
5th	17	Permutations with and without repetition	
	18	Combination	
	19	Polynomials and their evaluation	
	20	Problems and Solutions	
6th	21	Sequences	
	22	Introduction to AP, GP and AG series, partial fractions,	
	23	partial fractions	
	24	Problems and Solutions	
7th		----------**Ist Minor Test**----------	
8th	25	linear recurrence relation with constant coefficients	
	26	Homogeneous solutions, Particular solutions	
	27	Total solution of a recurrence relation using generating functions.	
	28	Problems and Solutions	
9th	29	Definition and examples of a monoid,	
	30	Semigroup	
	31	Groups and rings	
	32	Problems and Solutions	
10th	33	Homomorphism,	
	34	Isomorphism and Automorphism	
	35	Subgroups and Normal subgroups	
	36	Problems and Solutions	
11th	37	Cyclic groups	
	38	Integral domain and fields	
	39	Cosets	
	40	Problems and Solutions	
12th	41	Lagrange‟s theorem	
	42	Introduction to graphs	
	43	Directed and Undirected graphs	
	44	Problems and Solutions	
13th	45	Homomorphic and Isomorphic graphs,	
	46	Subgraphs, Cut points and Bridges	
	47	Multigraph and Weighted graph, Paths and circuits	
	48	Shortest path in weighted graphs, Eurelian path and circuits	
14th		----------**2nd Minor Test**----------	
15th	49	Hamilton paths and circuits,	
	50	Planar graphs, Euler‟s formula	
	51	Trees, Spanning trees, Binary trees and its traversals	
	52	Problems and Solutions	

Lesson Plan

Name of Faculty : Mr. Pramod Lega, Assistant Professor
Discipline : Management
Semester : 3rd
Subject : Fundamentals of Management
Lesson Plan Duration: 15 weeks (from August, 2018 to November, 2018)
Work Load (Lecture/Practical) per week (in hours): **Lectures 03 hours**.

Week	Theory	
	Lecture Day	Topic (Including Assignment/Test)
1st	1	Definitions of Management
	2	Characteristics of Management
	3	Significance, Practical Implications of Management
2nd	4	Management- Art, Science and Profession
	5	Development of Management Thoughts
	6	Classical Theory
3rd	7	Neo- Classical Approach
	8	Contingency Approach
	9	Principles of Management (Henri Fayol)
4th	10	Scientific Management (F.W.Taylor)
	11	Human Relation Movement (Elton Mayo)
	12	Managerial Functions of Management
5th	13	Introduction of Human Resource Management
	14	Nature and Objectives of Human Resource Management
	15	Functions of Human Resource Management
6th	16	Meaning and Definitions of Human resource planning
	17	Recruitment, Selection
	18	Training and Development
7th		----------**1st Minor Test**----------
8th	19	Meaning and Definitions of Marketing Management
	20	Functions of Marketing Management
	21	Objectives and functions of Marketing
9th	22	Marketing Mix
	23	Process of Marketing Research
	24	Meaning and Definitions of Advertising
10th	25	Functions and Significance of Advertising
	26	Media of Advertisement
	27	Criticism of Advertisement
11th	28	Meaning and Definitions of Consumer Behaviour
	29	Meaning and Definitions of Production Management
	30	Functions of Production Management
12th	31	Objectives and functions of Production Management
	32	Meaning and Definitions of Production Planning and Control
	33	Steps/Elements of Production Planning and Control
13th	34	Objectives and functions of Material management
	35	Inventory Control
	36	Production Layout
14th		----------**2nd Minor Test**----------
15th	37	Meaning and Definitions of Financial Management
	38	Capital Structure and various Sources of Finance, Working Capital, Short term and long term finances
	39	Capital Budgeting

Lesson Plan

Name of Faculty : Gaurav Singh Sisodia
Discipline : Mathematics
Semester : III
Subject : Mathematics –III (MAT-201-L)
Lesson Plan Duration: 15 weeks (from August, 2018 to November, 2018)
Work Load (Lecture/Practical) per week (in hours): **Lectures 04 hours**.

Week	Theory	
	Lecture Day	**Topic (Including Assignment/Test)**
1st	1	Euler's Formulae
	2	Dirichlet's Condition for Fourier expansions
	3	Problems and Solutions
	4	Fourier expansion of functions having point of discontinuity
2nd	5	Change of interval
	6	Odd and even functions
	7	Problems and Solutions
	8	Fourier expansion of square wave
3rd	9	Rectangular wave, saw-toothed wave
	10	Half and full rectified wave
	11	Half range sine and cosine series
	12	Problems and Solutions
4th	13	Fourier integrals Theorem
	14	Fourier transforms
	15	Fourier sine & cosine transforms
	16	Properties of Fourier transforms,
5th	17	Convolution theorem
	18	Shifting theorem (both on time and frequency axes)
	19	Fourier transforms of derivatives
	20	Fourier transforms of integrals
6th	21	Fourier transform of Dirac delta function
	22	Problems and Solutions
	23	Functions of complex variable, limit & continuity of a function
	24	Exponential , Trigonometric, Hyperbolic &Logarithmic functions
7th		----------**Ist Minor Test**----------
8th	25	Differentiability & Analyticity
	26	C-R equations: necessary & sufficient condition for function to be analytic
	27	Polar form of C-R equations, Harmonic functions
	28	Integration of complex functions
9th	29	Problems and Solutions
	30	Cauchy Theorem, Cauchy- Integral formula.
	31	Power series, radius and circle of convergence
	32	Taylor's Maclaurin's and Laurent's series
10th	33	Zeroes and singularities of complex functions
	34	Residues. Evaluation of real integrals using residues (around unit circle)
	35	Residues. Evaluation of real integrals using residues (around semi circle)
	36	Problems and Solutions
11th	37	Introduction of Probability Distributions and Hypothesis Testing
	38	Expected value of a random variable
	39	Baye's Theorem
	40	Discrete and continuous probability distribution.
12th	41	Testing of a hypothesis, tests of significance for large samples
	42	Properties and application of Binomial distribution.
	43	Student's t-distribution (applications only)
	44	Chi-square test of goodness of fit
13th	45	Problems and Solutions
	46	Linear Programming problems formulation
	47	Solution of LPP using Graphical Method
	48	Canonical and Standard form of LPP
14th		----------**2nd Minor Test**----------
15th	49	Linear Programming problems formulation
	50	Solution of LPP using Simplex Method
	51	Solution of LPP for degeneracy problem
	52	Solution of LPP using Dual Simplex Method